

# Recombinant Netrin 1 (Ntn1)

## Instruction Manual

### SIPB893Mu02

#### Mus musculus (Mouse)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted, Cytoplasm
<b>Predicted Molecular Mass</b>	52.4kDa
<b>Accurate Molecular Mass</b>	53kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Arg23~Ala457 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	8.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

```
                RGGPGLSM  FAGQAAQPDP  CSDENGHPRR
CIPDFVNAAF  GKDVRVSSTC  GRPPARYCVV  SERGEERLRS  CHLCNSSDPK
KAHPPAFLTD  LNNPHNLTCW  QSENYLQFPH  NVTLTLSLKG  KFEVTVVSLQ
FCSRPESMA  IYKSMDYGRT  WVPFQFYSTQ  CRKMYNRPHR  APITKQNEQE
AVCTDSHTDM  RPLSGGLIAF  STLDGRPSAH  DFDNSPVLQD  WVTATDIRVA
FSRLHTFGDE  NEDDSELARD  SYYYAVSDLQ  VGGRCKCNGH  AARCVRDRDD
SLVCDRHNT  AGPECDRCKP  FHYDRPWQRA  TAREANECVA  CNCNLHARRC
RFNMELYKLS  GRKSGGVCLN  CRHNTAGRHC  HYCKEGFYRD  MGKPITHRKA
CKACDCHPVG  AAGKTCNQTT  GQCPCKDGV  GITCNCAKG  YQQRSPIAP
CIKIPVA
```

#### USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## Image

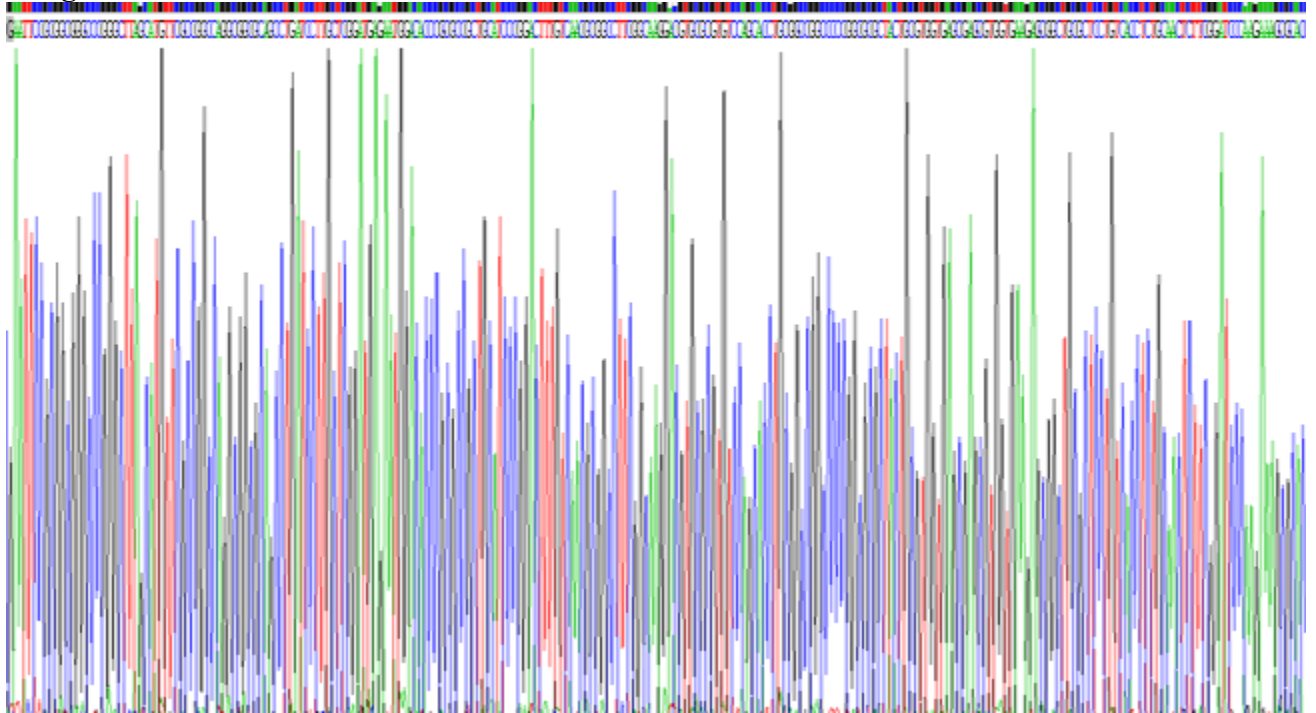


Figure. SDS-PAGE

## **[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

